

COMPOSITIONS AND METHODS FOR TREATING DISEASES

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ABSTRACT

The present invention relates to mononucleoside phosphate compounds that have the
benefits of a dinucleotide pharmaceutical. These mononucleoside phosphates can be made
from a mononucleotide that has been modified by attaching a degradation resistant substituent
on the terminal phosphate of a polyphosphate mononucleotide. By attaching this degradation
10 resistant substituent, the stability from degradation matches or exceeds those of certain
dinucleotides.